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Form PTO-1390	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER	
TRANSMITTAL LET DESIGNATED/ELE CONCERNING A FI	U.S. APPLICATION NO.		
INTERNATIONAL APPLICATION NO. PCT/F199/00511	INTERNATIONAL FILING DATE June 11, 1999	YRIORITY DATE CLAIMED June 30, 1998	
TITLE OF INVENTION: A MEMBRANE OR MATRIX FOR CONTROLLING	G THE PERMEATION RATE OF DRUGS	DATE: November 30, 2000	
APPLICANT(S) FOR DO/EO/US Harri JUKARAINEN, Tommi MARKKULA, Ju	uha ALA-SORVARI, Matti LEHTINEN and Jarkko RUO		
Applicant herewith submits to the Uninformation:	nited States Designated/Elected Office (DO/EO/	US) the following items and other	
1: [XX] This is a FIRST submission	of items concerning a filing under 35 U.S.C.	371.	
2. [] This a SECOND or SUBSEQUENT	submission of items concerning a filing unde	r 35 U.S.C. 371.	
[XX] This express request to beg examination until the expir	gin national examination procedures (35 U.S.C. ration of the applicable time limit set in 35 U	371(f) at any time rather than delay U.S.C. 371(b) and PCT Articles 22 and 39(1).	
 [XX] A proper Demand for Interna priority date. 	tional Preliminary Examination was made by the	e 19th month from the earliest claimed	
a. [] is transmitted here b. [XX] has been transmitte	Application as filed (35 U.S.C. 371(c)(2)) with (required only if not transmitted by the d by the International Bureau.		
	ational Application into English (35 U.S.C. 37		
b. [] have been transmitted ner	the International Application under PCT Artic ewith (required only if not transmitted by the ed by the International Bureau. however, the time limit for making such amend and will not be made.	e International Bureau).	
8. [] A translation of the amendm	ents to the claims under PCT Article 19 (35 U.	S.C. 371(c)(3)).	
9. [XX] An oath or declaration of ${\sf tl}$	he inventor(s) (35 U.S.C. 371(c)(4)).		
 [XX] A translation of the annexe. (35 U.S.C. 371(c)(5)). 	s to the International Preliminary Examination	Report under PCT Article 36	
Items 11. to 16. below concern other 11. [] An Information Disclosure So	document(s) or information included: tatement under 37 CFR 1.97 and 1.98.		
12. [XX] An assignment document for (recording. A separate cover sheet in complian	ce with 37 CFR 3.28 and 3.31 is included.	
<pre>L3. [XX] A FIRST preliminary amendmen [] A SECOND or SUBSEQUENT preliminary</pre>	nt.		
14. [] A substitute specification.			
15. [] A change of power of attorne	ey and/or address letter.		
.6. [XX] Other items or information:			
a. WO 00/00550b. International Preliminarc. International Search Rep	ry Examination Report(PCT/IPEA/409) port (PCT/ISA/210)	·	

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November 30, 2000 Date

U.S. Application No. PCT/FI99/00511			Attorney's Docket No. TUR-101		
	llowing fees are subm	itted:		CALCULATIONS	PTO USE ONLY
Basic I Search Interna No inte but internal Neithernal	National Fee (37 CFR: Report has been prepartional preliminary elementional preliminary elementional search fee (3)	1.492(a)(1)-(5)): ared by the EPO or JPO. xamination fee paid to y examination fee paid e paid to USPTO (37 CFR minary examination fee 7 CFR 1.445(a)(2)) paid xamination fee paid to	to USPTO \$1,000.00	1,000.00	
		ENTER APPROPR	RIATE BASIC FEE AMOUNT =	\$ 1,000.00	
Surcharge of \$ months from th	130.00 for furnishing ne earliest claimed pr	the oath or declaration	n later than [] 20 [] 30 192(e)).	s	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	22-20	2	0 x \$ 18.00	\$ 36.00	
Indep.claims	1 - 3	0	0 x \$ 80.00	s	
Multiple depen	ndent claim(s) (if app	licable)	+ \$270.00	\$	
		TO	OTAL OF ABOVE CALCULATIONS =	\$ 1,036.00	
Reduction by 1 statement must	1/2 for filing by smal also be filed. (Not	l entity, if applicable e 37 CFR 1.9, 1.27, 1.2	e. Verified Small Entity 28).	s	
			SUB TOTAL =	\$ 1,036.00	
Processing fee months from th	e \$130.00 for furnishi ne earliest claimed pr	ng the English translationity date (37 CFR 1.4	ion later than [] 20 [] 30 492(f)).	\$	
			TOTAL NATIONAL FEE =	\$ 1,036.00	
Fee for record accompanied by	ding the enclosed assi y an appropriate cover	gnment (37 CFR 1.21(h) sheet (37 CFR 3.28, 3). The assignment must be .31). \$40.00 per property +	\$ 40.00	
			TOTAL FEES ENCLOSED =	\$ 1,076.00	
				Amount to be: refunded	s
					s
b. [] Pleas Two c c. [xx] The C any c NOTE: Where or (b)	se charge my Deposit A copies of this sheet a Commissioner is hereby overpayment to Deposit an appropriate time 1)) must be filed and o	Account No. <u>50-1258</u> in are enclosed. Account No. <u>50-1258</u> Account No. <u>50-1258</u> Account No. <u>50-1258</u>	\sim	refunded charged over the above fee required, or cred enclosed. etition to review ature	s. it (37 CFR 1.137(
b. [] Pleas Two c c. [xx] The C any c NOTE: Where or (b) SEND ALL CORRE	se charge my Deposit A copies of this sheet a Commissioner is hereby overpayment to Deposit an appropriate time 1)) must be filed and g	Account No. <u>50-1258</u> in are enclosed. Account No. <u>50-1258</u> Account No. <u>50-1258</u> Account No. <u>50-1258</u>	any additional fees which may be Two copies of this sheet are 4 or 1.495 has not been met, a application to pending status.	refunded charged over the above fee required, or cred enclosed. etition to review ature les C. Lydon	s. it (37 CFR 1.137(4

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Form PTO-1390	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		09 4°7°01 5 4 7	
TITLE OF INVENTION: A MEMBRANE OR MATRIX FOR CONTROLLING THE PERMEATION RATE OF DRUGS		DATE: November 30, 2000	

Harri Jukakainen, Tommi Makkkula, Juha Ala-Sorvari, Matti Lehtinen and Jarkko Ruohonen

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other

- 1. [XX] This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
- 2. [] This a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
- 3. [XX] This express request to begin national examination procedures (35 U.S.C. 371(f) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
- [XX] A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
- 5. [XX] A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. [] is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. [XX] has been transmitted by the International Bureau.
 - c. [] is not required, as the application was filed in the United States Receiving Office (RO/US).
- 6. [] A translation of the International Application into English (35 U.S.C. 371(c)(2)).
- 7. [XX] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C 371(c)(3))
 - a. [] are transmitted herewith (required only if not transmitted by the International Bureau).
 -] have been transmitted by the International Bureau.
 -] have not been made; however, the time limit for making such amendments has NOT expired.
 - d. [XX] have not been made and will not be made.
- 8. [] A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- 9. [XX] An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- 10. [XX].A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

- 11. [] An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- 12. [XX] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- [13. [XX] A FIRST preliminary amendment.
 - [] A SECOND or SUBSEQUENT preliminary amendment.
- [14. [] A substitute specification.
- 15. [] A change of power of attorney and/or address letter.
- 16. [XX] Other items or information:
 - a. WO 00/00550
 - b. International Preliminary Examination Report(PCT/IPEA/409)
 - c. International Search Report (PCT/ISA/210)

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U.S. Applicati	701547	International Applic PCT/FI99/00511	ation No.	Attorney's Docket No. TUR-101		
17. [XX] The following fees are submitted:		CALCULATIONS	PTO USE ONLY			
- Basic Search	National Fee (37 CFR 1. Report has been prepar	492(a)(1)-(5)): ed by the EPO or JPO	\$860.00			
Intern	national preliminary exa	mination fee paid to USP1	TO (37 CFR 1.482) \$690.00			
No int but ir	ernational preliminary nternational search fee	examination fee paid to l paid to USPTO (37 CFR 1.4	JSPTO (37 CFR 1.482) 445(a)(2)) \$710.00			
Neithe interr	er international prelimi national search fee (37	nary examination fee (37 CFR 1.445(a)(2)) paid to	CFR 1.482) nor USPTO \$1,000.00	1,000.00		
Interr and al	national preliminary exa Il claims satisfied prov	mination fee paid to USP risions of PCT Article 330	TO (37 CFR 1.482) (1)-(4) \$100.00			
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$ 1,000.00				
Surcharge of \$130.00 for furnishing the oath or declaration later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$				
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			
Total claims	22-20	2	0 x \$ 18.00	\$ 36.00		
Indep.claims	1 - 3	0	0 x \$ 80.00	\$		
Multiple deper	ndent claim(s) (if appli	cable)	+ \$270.00	\$		
		TOTAL	OF ABOVE CALCULATIONS =	\$ 1,036.00		
Reduction by statement must	1/2 for filing by small t also be filed. (Note	entity, if applicable. 37 CFR 1.9, 1.27, 1.28).	Verified Small Entity	\$		
			SUB TOTAL =	\$ 1,036.00		
Processing fe	e \$130.00 for furnishing he earliest claimed pri	g the English translation ority date (37 CFR 1.492(later than [] 20 [] 30 f)).	\$		
			TOTAL NATIONAL FEE =	\$ 1,036.00		
Fee for record	ding the enclosed assign y an appropriate cover	nment (37 CFR 1.21(h)). sheet (37 CFR 3.28, 3.31)	The assignment must be . \$40.00 per property +	\$ 40.00		
			TOTAL FEES ENCLOSED =	\$ 1,076.00		
				Amount to be: refunded	\$	
<u> </u>				charged	\$	
i			he above fee are enclosed.	wer the above fees		
Two	copies of this sheet ar	e enclosed.	e amount of \$ to co			
c. [xx] The	Commissioner is hereby overpayment to Deposit	authorized to charge any Account No. 50-1258 . T	additional fees which may be wo copies of this sheet are e	required, or credit nclosed.	t	

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to review (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

James C. Lydon 100 Daingerfield Road Suite 100 Alexandria, Virginia 22314

Signature

Registration Number

November 30, 2000 Date